



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

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CERTIFICATE OF ANALYSIS

Catalog Number: T-601

Product Name: **3,3',4'-TRIHYDROXYFLAVONE**
(3',4'-Dihydroxyflavonol)

CAS No.: [6068-78-6]

Lot Number: 0903044

Chemical Formula: C₁₅H₁₀O₅

Molecular Weight: 270.24

Melting Point: 296-298.5°C

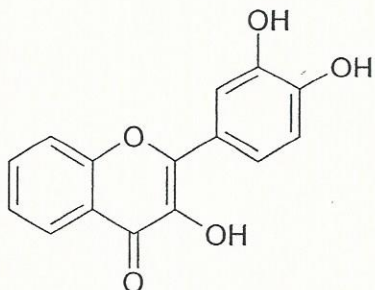
Appearance: Light yellow powder

TLC: Chloroform : Methanol (9:1)

Solubility: Soluble in DMSO, DMF

Storage: Store in a cool, dry place

Purity(HPLC): 99.27%





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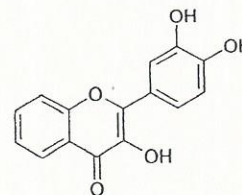
HPLC ANALYSIS

Acquired by : Ramana
Sample Name : 3,3',4'-Trihydroxy flavone

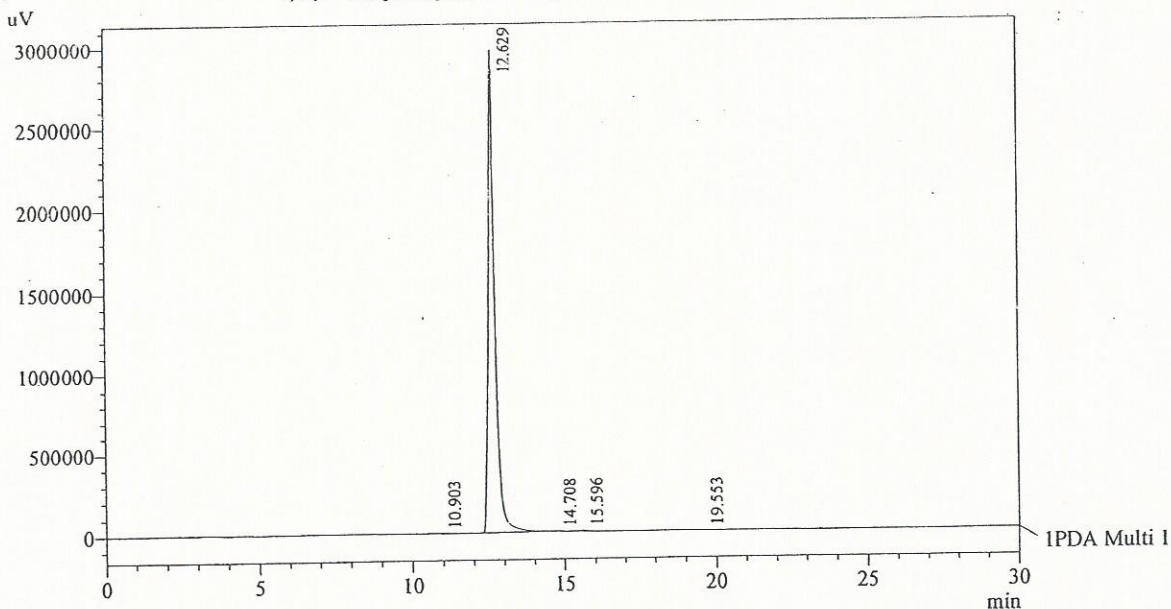
Catalog No.: T-601
Product Name: 3,3',4'-Trihydroxyflavone
Lot No.: 0903044

Injection Volume : 20 uL
Data Filename : 050209M.lcd
Method Filename : Linear Gradient.M.lcm

Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)
00.00 : 90 : 10
12.00 : 10 : 90
25.00 : 10 : 90
28.00 : 90 : 10



Chromatogram
3,3',4'-Trihydroxy flavone D:\promonence



1 PDA Multi 1 / 240nm 4nm

PeakTable

PDA Ch1 240nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	10.903	30800	1177	0.069
2	12.629	43998969	2971100	99.273
3	14.708	66214	3425	0.149
4	15.596	179503	7628	0.405
5	19.553	45551	1692	0.103
Total		44321036	2985023	100.000